

ABSTRACT OF THE DISCLOSURE

A workflow management system has synchronousness information, which can be set by a process definition tool in a process definition, for specifying a processing mode for calling a state transition request application programming interface (API). The synchronousness is controlled using a state transition request synchronous process program and a state transition request asynchronous process program. The synchronous process program processes a state transition in a synchronous processing mode in which the state transition is processed from receipt of an inputted state transition request to return of a response. The asynchronous process program processes a state transition in an asynchronous processing mode in which a state transition for a process instance is processed after an inputted state transition request is received and a response is returned. The synchronousness information is referenced to determine whether a state transition is processed in the synchronous or asynchronous processing mode.